

In re Application of:  
Jay Leng  
Application No.: 09/619,047  
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PATENT  
Attorney Docket No.: CHEM1110

### AMENDMENTS

#### IN THE CLAIMS

Please amend claims 3 and 5 to 8 as set forth below. Please cancel claim 1 without prejudice.

1. (Cancelled) A purified polypeptide characterized as having *Renilla* luciferase activity and a recognition site specifically cleavable by a protease, wherein cleavage results in a decrease in luciferase activity and wherein the recognition site is at residues 197-200 of SEQ ID NO: 2.
2. (Cancelled)
3. (Currently amended) ~~The purified polypeptide of claim 1~~ A purified polypeptide characterized as having *Renilla* luciferase activity and a recognition site specifically cleavable by a protease, wherein cleavage results in a decrease in luciferase activity and wherein the recognition site is at residues 197-200 of SEQ ID NO: 2, wherein the recognition site is a peptide sequence selected from the group consisting of DEVD (SEQ ID NO: 21), VEHD (SEQ ID NO: 23, wherein X is H), LETD (SEQ ID NO: 24) LEHD (SEQ ID NO: 22, wherein X is L or SEQ ID NO: 25) IEPD (SEQ ID NO: 16), DETD (SEQ ID NO: 17), WEHD (SEQ ID NO: 22, wherein X is W or SEQ ID NO: 18), YVAD (SEQ ID NO: 19), VEID (SEQ ID NO: 23, wherein X is D), and any combination thereof.
4. (Cancelled)
5. (Currently Amended) The purified polypeptide of claim ~~[[1]] 3~~, wherein the polypeptide has a sequence as set forth in SEQ ID NO:4.
6. (Currently Amended) The purified polypeptide of claim ~~[[1]] 3~~, wherein the protease is a caspase-family protease.
7. (Currently Amended) The purified polypeptide of claim 6, wherein the caspase-family protease is selected from the group consisting of a Caspase-3, a Caspase-6, a Caspase-8, and a Caspase-9.
8. (Original) The purified polypeptide of claim 6, wherein the caspase is a Caspase-3.
- 9-65 (Cancelled)